



Central Connecticut Woodturners

A Chapter of the American Association of Woodturning

Dedicated to the Advancement of Woodturning

www.ccwoodturners.org



November 2011

Next Meeting

Tuesday Nov 15th

7PM

Rick Meier

Holiday Ornament

CVSW

Upcoming Events

Sun Nov 27th 1-4PM

Open Shop

Jim Kephart's

RSVP 860-649-9431

Sun Dec 11th 12-4

Holiday Party

Jan 14-16, 2011

Wood Working Show

This Issue

Party Directions 2
AAW News 2

Wood of the Month 3
Show & Yell 3

Air Brushing 4-7

Final Thoughts 7

Deadline for the next issue is **Dec 10th**.



President's Note:

Central Connecticut Woodturners is ready to elect a new slate of officers for the 2012 to 2014 term. Our Club does not have a nominee for President or Vice President. We really need to have someone step up and help the Club to have all of our officers in place. We have an incredible amount of woodturning talent in our Club. We

also have many members who have the ability and talent to serve our Club. We need to have people who want our Club to move forward and help our Club. Please give this very serious consideration and please consider the consequences of what might happen if we can not fill our positions of officers...

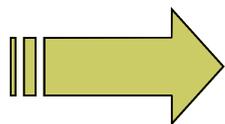
~~Corey Anderson



Dues are due!

See Al Moltz

Club Dues are \$35 for the year.



Next meeting is on Tuesday Nov 15th!!!

2011 Turn for the Troops

Friday & Saturday November 11th & 12th at both the W. Springfield & Manchester Woodcraft store. For a fifth year, Woodcraft stores nationwide will conduct the Turn for TROOPS handmade pen turn-a-thon program during Veterans Day Weekend, with the goal of making and then sending thousands of hand-crafted pens to American service personnel actively deployed overseas. Every year CCW turn out to help this event. Lathes will be set up, blanks will be prepared, tools & finishing products will be made available. Come turn a pen for the cause, learn to turn a pen or show someone how to turn a pen. Stay for 1 pen or the entire day, come support our troops.

Friday 1-5PM

Saturday 10AM-4PM

From the Desk of the CCW Librarian.....

Do you have an outstanding DVD, magazine or book? Please return to the club at the next meeting. These items are for the use of the entire club. If you are unable to attend the November meeting, please contact Walter McMahon at 860-875-1420



CCW Holiday Party



DATE/TIME: Sunday December 12th, 12-4PM

LOCATION: The Villages at Freedom Green Clubhouse (no sign)
Liberty Drive Mansfield Center, CT

CONTACT: MIKE ORENSTEIN

CELL: 860-933-5326 ; HOME: 860-456-1347

Don't forget to bring your turned grab bag item!!! Desserts and appetizers are pot luck.

DIRECTIONS:

From Hartford and West: Route 84 E to I-384 E to Route 6 E ("Providence, Willimantic") Take Route 6 to Columbia (about 11 miles). Take a left at the light just past Columbia Ford/Lincoln/Mercury onto the Route 6 Expressway towards Providence. Get off at the second exit ("To 195 University of Connecticut Storrs"). At the light at end of exit take a left. Go straight at the next light and take a right onto Independence Drive (Freedom Green).

***Go to the end of Independence Dr. and you will run right into the parking lot of the Clubhouse (no sign). The Clubhouse is flanked by the pool on the left and the tennis courts on the right. Park in the parking lot. If the lot is full, park on the street, but only on one side of the street.

From Bloomfield ,Windsor, etc., I-291 E to I-384 E and follow the same directions as above from there. Follow the above directions from ***

From Norwich, etc., Take Rt. 32 to Windham and go over the "Frog Bridge" to Willimantic. Go straight at the light at the bottom of the Frog Bridge and follow that road until you get to a large intersection. There will be a traffic light and a Cumberland Farms on your left and a Hess(?) Chucky's gas station on your right and Mama's Pizza almost directly ahead. At that light bear left. The left side of Mama's will be on your right. Follow that road to the end. At the stop sign, turn left and go to the light. Turn right at the light and go to the next light. Go straight at the light and take your second right onto Independence Drive (Freedom Green). Follow the above directions from ***

From Rhode Island and East Take Route 6 W to North Windham and bear right onto the Route 6 W Expressway. Take the first exit to the light at the end of the ramp and turn left. Go to the next light and turn right. Take your second right onto Independence Drive. Follow the above directions from ***

From Storrs, etc. Take Route 195 (Storrs Rd) South toward Willimantic to Puddin Lane. Go right onto Puddin Lane and a left onto Liberty Drive. Follow the above directions from ***



AAW Will be Featured at SOFA in Chicago

We will have a Special Exhibition at SOFA in Chicago, from November 4-6, 2011. The exhibition, The World Turns: American Association of Woodturners at 25, was curated by Kevin Wallace, and will feature works by 25 renowned international artists.

Disaster Unemployment Assistance: Help for Self Employed Artists

Did you know that you might qualify for Disaster Unemployment Assistance if you are an independent artist or other self-employed individual who has lost income due to in-

AAW News

terruptions from a major disaster?

Ferinart 2012, Puerto Rico

We are excited to announce a new project with Carmen De La Paz, from HGTV, and 3M. Together, we will travel to Puerto Rico for the international craft fair, Ferinart. This craft fair brings artisans from 32 different countries to sell and exhibit their work, participate in workshops, and connect with experts in their field. Each year, the United States receives two booths, and this year, both will be dedicated to woodturning! AAW will have a booth to share information about the craft, and give live demonstrations

Educational Opportunity Grants Applications

Do you have an exciting project, workshop, or goal that you would like help with? EOG grant applications are now being accepted online! In 2011, AAW awarded over \$70,000 in Educational Opportunity Grants to individuals, chapters, and schools.

Craft In American --Family Episode

Craft in America is a show on PBS, which features craft artists from around the United States. The latest episode, titled Family, explores the story of four craft artist families, including the Moulthorps.

Wood of the Month

Kingwood *Dalbergia cearensis* (leguminsae)



Grows: South America, mostly Brazil

Health

risks: Eye and skin irritant

Description: Kingwood is one of the rosewoods. The heartwood has a variety of color ranges with streaks of color from rich violet-brown. It is very uniform in texture.

Properties: The wood is extremely heavy, hard and dense. Causes severe blunting. Preboring is recommended. Works well with hand & machine tools, but will cause moderate blunting.

Typical Uses: Used as sliced veneer, marquetry, antique restoration decorative turnery, inlay banding and small decorative items.

Additional Information: Although Kingwood has not been listed as endangered tree, supplies maybe in

short supply. Generally Kingwood trees are short with trunk diameters of rarely wider than 10 inches in diameter.

Used in antique restoration as *bois violet* have been much used in Louis XIV and Louis XV and Georgian furniture.



Show & Yell

Thank you to all that brought your pieces in to share.

Jim Kephart, Chris Dudley, Eric Holmquist, George Upton, Al Czellecz and Joe Stajduhar



Also want to thank Jonathan Warner for stopping by to show off his flutes and villeann pipes. Jonathan also treated the club to a demonstration of the use of the pipes!! Definitely not your usual Show & Yell that nite!!!

Action

Single Action

Single Action airbrushes are set to a fixed air / fluid ratio. Pressing the button controls airflow. Well suited for wash coats of finish like shellac.

Double Action

Double action airbrushes allow control of both airflow and air / fluid ratio. Pressing the button down controls airflow. Rocking the button back increases fluid flow. Ideal for artistic effects.

Feed

Gravity Feed

A cup on top of the airbrush contains the fluid to be sprayed. Typically put a few drops of pigment in the cup. Relatively low pressure requirement.

Iwata Eclipse HP-CS (0.35 mm needle)

Siphon Feed

A jar or bottle below the airbrush, or a side mounted cup provides pigment. The bottle / jar models are more suited to higher volume applications like T-shirt / face painting booths. Relatively high pressure requirement.

Iwata Eclipse HP-BCS (0.50 mm needle, bottom feed)

Iwata Eclipse HP-SBS (0.35 mm needle, side feed)



Fittings

Iwata / Grex

Iwata and Grex airbrushes use 1/8" BSPP fittings, so 1/8" NPT fittings will not screw on. BSPP is a standard fitting available from parts suppliers like McMaster-Carr.

BSPP has a different thread pitch from NPT, and the threads are parallel unlike NPT which is tapered.

Others

Badger and Paasche each have proprietary fittings, and special adapters are needed to connect them to standard BSPP or NPT hoses.

Quick Disconnect

1/8" BSPP Quick Disconnect fittings are available from TCP Global and others which allow for easy swapping of airbrushes or air carvers.

Pigments

Paints

You do not need lots of paint to do a lot of projects. I am still on my original 1 oz bottles for most colors, and have airbrushed dozens of pieces. I got a set of several colors and only recently purchased new bottles for the two colors I use the most.

Transparent

Transparent airbrush colors are the lowest viscosity paints with the finest ground pigments, and allow you to see the wood grain through the tint.

Golden – No thinning required.

Createx – Thinning with transparent airbrush medium often required.

Grex – Thinning with transparent airbrush medium often required.

Opaque

Opaque airbrush colors are higher viscosity with coarser ground pigments. Will obscure the wood grain.

Golden – Thinning required

Interference

Interference colors are almost invisible on light surfaces, and visible on dark surfaces with an iridescent sheen. They are

high viscosity with a large particle size.

Golden - Thinning required, larger needle recommended, hard to clean airbrush

Iridescent

Iridescent colors have a sparkle sheen to them. They are high viscosity with a large particle size.

Golden - Thinning required, larger needle recommended, hard to clean airbrush

Dyes

Water or alcohol based dyes are easily applied with an airbrush. As dyes penetrate, they will highlight the grain of figured woods unlike paints which tend to mask the grain. As dyes are based on

dissolved pigments rather than suspended pigments like paint or stain, they are non-clogging. Dyes do not tend to be as vivid as paints so a light mist coat of a transparent airbrush color can be used on top of the dyed wood without totally eliminating the benefits of the dye.

There is a benefit to using water based dyes even though they can raise the grain. Once you have a section of the airbrushing complete, you can cover it with shellac and any water based dye will bead up on the shellac and be easily wiped off.

Basic Airbrush Techniques

A few basic airbrushing exercises on a large pad of newsprint is very helpful to develop good control of the airbrush before trying it on a nice turned piece.

Lines

Brush a series of parallel lines in many directions. Practice starting airbrush movement with air on before turning on pigment flow. Turn off pigment flow while airbrush still moving. Keep air on the whole time. Try to maintain consistent line width and length. Try to lay down a progression of line widths

Dots

Draw a large checkerboard pattern on the paper and practice applying a dot exactly at each intersection. Try to make the dots consistent in size. Try to make a progression of dot sizes. Play connect the dots

Fades

Fade one color from light to dark. This can be done by a combination of spray distance or pigment flow. Try both methods and combinations. Try fades in different directions

Blends

Fade two colors from dark to light into each other from opposite directions. Start with blends of primary colors (Red, Blue, Yellow). Try two color blends (i.e. Yellow to Red, producing orange in the middle). Try to produce a complete color wheel passing from Red through Orange, Yellow, Green, Blue, Purple, and back to Red.

Masking

Masking is used to achieve sharp edges. Masks can either be hand held or applied to the work.

Pin Striping Tape

Very flexible pin striping tape is available in thin widths (1/64th through 1/4") the most commonly available is 1/8" in most art and office supply stores.

Frisket

Frisket is a low tack plastic film that covers a large surface. Frisket is easily cut with a craft knife. Available in most art supply stores. Comes in either paper backed or roll form. The paper backed form can be run through a copier to get an image on it. Comes in a clear or matte style. The matte style can be drawn on with a pencil.

A common practice is to use a small skew / spear point wood burner to outline an area to mask, then use the burned groove as a cutting guide for the frisket. For designs where the burn line would not be desirable, using pin striping tape to outline the area then frisket over that, cutting on the pin striping tape will help avoid and cut lines on the turning.

Automotive Painting Tape

The green automotive painting tape is preferable to the blue stuff or regular masking tape. The blue painters tape or regular masking tape will tend to leave adhesive on the work.



Acrylic Acetate is thin clear film with no adhesive. It is good for making hand-held masks. Typical uses are in re-masking or punch masking. Punch masking uses the huge variety of paper punches to punch out all sorts of shapes.



Plastic Signs

The plastic sign signs available in most hardware stores ("Beware of Dog", "Car for Sale" etc.) are good for simple masks. The material is a bit too thick to punch or cut details out of with a craft knife, but simpler shapes cut out with scissors work really well.



Tools and other equipment

Craft knives

The basic fixed blade craft knife is good for cutting frisket or acrylic acetate. A variant on this called a swivel knife, allows the blade to rotate in the handle while cutting, which can sometimes be easier to use following curves.

Cleaning Brushes

Small brushes a bit like old pipe cleaners are helpful in cleaning airbrushes.

Compressor

A small compressor is needed for airbrushing. It does not need a lot of capacity, between 0.5 and 0.75 scfm at 50 psi is adequate for most airbrushing. Generally most airbrushing can be done around 30 psi, but heavier paints and siphon feed airbrushes can require higher pressure. Typically light weight (under 10 lbs) and around \$100. With a secondary regulator, a larger shop compressor can be used.

Regulator / Water Trap Filter

A small regulator / water trap filter assembly set to around 30 psi and allow you to leave your compressor at full pressure. Around \$20 plus a bit more for air fittings.

Finishing

Clear Coat

Without a clear coat on top of it, the airbrushed design looks very flat and uninspiring. Some sort of clear gloss finish is needed to make the colors look really nice. Keep in mind that many finishes tend to add a yellow / gold tint. So careful selection of a finish is essential.

Minwax Wipe-on-Poly puts down very thin coats. If you sand between coats, you will scratch the design. According to Minwax tech support, it takes 3 to 4 coats of Wipe-on-Poly to match the film thickness of 1 coat of brushed on Fast Drying Poly, so you should apply a minimum of 9 coats before light sanding. Poly will slightly yellow shift the image.

Vermont Natural Coatings PolyWhey is a very clear whey protein based waterborne polyurethane, with no color shift that I have been able to detect. As a brush on product, it builds faster than Wipe-on-Poly. I can put on three coats in a day then lightly sand with 320 / 400 the next day and buff. Brushed, recoat time is 2 hours. PolyWhey can also be applied with an HVLP spray-gun using a 1.3-1.5mm needle. Use 30 minutes between spray coats and at least three coats.

Target Coatings EM6000 is a very clear waterborne lacquer, with no color shift that I have been able to detect. Apply with an HVLP spray-gun using a 1.3-1.5mm needle. Use 30 minutes between coats and at least three coats.

General Finishes Enduro is reputed to be very similar to Target Coatings EM6000 in clarity and behavior. I have not tried this product over airbrushing yet, but have used it on pens and it is a very durable finish.

Nitro-cellulose Lacquer is very clear initially but has tendency to yellow with age. The fumes from these finishes are quite toxic and unpleasant.

Image Sealing

The image is very prone to smearing, so a light mist coat of de-waxed shellac is very helpful to protect the image before applying any wipe on or brush on clear coat. Practice on some flat scrap wood to get a feel for how much shellac is necessary to protect the design. The chemicals used to stabilize some liquid shellacs (Like Zinsser) for long shelf life can cause a reaction with some waterborne finishes causing them to craze (form lots of cracks



like a broken car window). If using waterborne clear coats, you are better off making your own shellac from ultra blond flakes. Make it in small batches (I use 6 oz preserve jars)

You can directly spray most finishes over the image if the first coat is a very light mist coat. This light mist coat will not cause the image to bleed or run as long as you give the image some time to dry first. This initial mist coat does not count as a coat, so if the product recommends multiple coats, only start counting after that mist coat dries sufficiently to re-coat.

A listing of suppliers will be in the December newsletter or www.ccwoodturners.org

Final Thoughts.....

Come join us at **The Wood Working Show** January 14-16, 2010 at the Eastern States Exposition, W. Springfield, MA. Hours are Fri 12-6, Sat 10-6, Sun 10-4. CCW will again be having a booth. We will be looking for demonstrators and display pieces. CCW will have a set number of free tickets for our helpers (please see Lynda Zibbideo for your helper ticket). You will be responsible for your parking. If you are going to be selling items at the show, you will need to provide the show with your tax ID# at least 10 days prior to the event. Price tags are not allowed on items. Show off your talent in the ShowOFF Showcase. Grand prize Bosch Tools. For more information, check out their website at www.TheWoodworkingShows.com



Brookfield Craft Center. Our 36th Annual Holiday Sale and Exhibition begins November 5th through December 24th. Take advantage of this unique opportunity to have "first pick" of one-of-a-kind fine craft for those special holiday gifts. New artists to the Holiday Sale and new work by returning artists offer a rich collection of fine handmade craft. The Holiday Sale runs from November 5th through December 24th, November Hours: Tuesday – Friday 11 – 6, Saturday 10 – 5, Sunday 12 – 5. Open daily in December. Please join us!

Wesleyan Potters 56th Annual Exhibit & Sale

The Gallery/Shop is a major adjunct of Wesleyan Potters housed with an ever-changing display of juried crafts, which are produced by the members of Wesleyan Potters and other selected craftspeople from many areas of the United States.

The Annual Sale - a display of pottery, jewelry, weaving, and more - is the work of over 200 juried artists and of our members. All exhibited work is for sale. View photos of past Exhibits.

Grand Opening & Gala Celebration, Friday, November 25th, 10:00 am - 9:00 pm.

Friday, November 26th through Sunday, December 11th, 2011

Norwich Arts Council Gallery

Call For Entries-Non-juried exhibit and sale 2011 – Holiday Show

Norwich Arts Council Gallery

60 Broadway, Norwich CT 06360

An exhibition opportunity for all artists and artisans in all mediums. Questions may be directed to Carol Dunn at 860-822-8412. Check the NAC web page for updates to this or changes in gallery hours www.norwicharts.org Exhibition Dates: November 30th - December 31st



Norwich Arts Center



For Sale: 42" Goodell & Water bandsaw for sale. \$1500, includes extra blades. It does come apart....bring truck! Burl not included. Corey Anderson 860-267-0830



For Sale: General lathe model 160, 38" bed, 6" throw, variable speed, about 20YO. Glen Peterson 860-729-1739



Central Connecticut Woodturners
c/o Lynda Zibbideo
158 Reynolds Dr.
Meriden, CT 06450



~ Legal Stuff ~

The Central Connecticut Woodturners (CCW) was founded in 1994 to support the needs of woodturners in the central Connecticut area. Its purpose is to promote a higher standard of excellence in woodturning by providing an ever expanding source of information and resources to its membership. Memberships are calendar basis from January 1 through December 31. Annual dues are \$35 or \$20 for six months or less.

President: Corey Anderson

860-267-0830 corey.anderson07@sbcglobal.net@sbcglobal.net

Vice President: Rick Meier

860-643-0890 rickmeier@cox.net

Treasurer: Alan Moltz

860-665-0284 alanmoltz@cox.net

Secretary: Eric Holmquist

860-654-9252 eric.holmquist@hs.utc.com

Newsletter Editor: Lynda Zibbideo

203-686-1207 lxibbideo@gmail.com

Librarian: Walter McMahan

860-875-1420 wpdamcmahan@sbcglobal.net

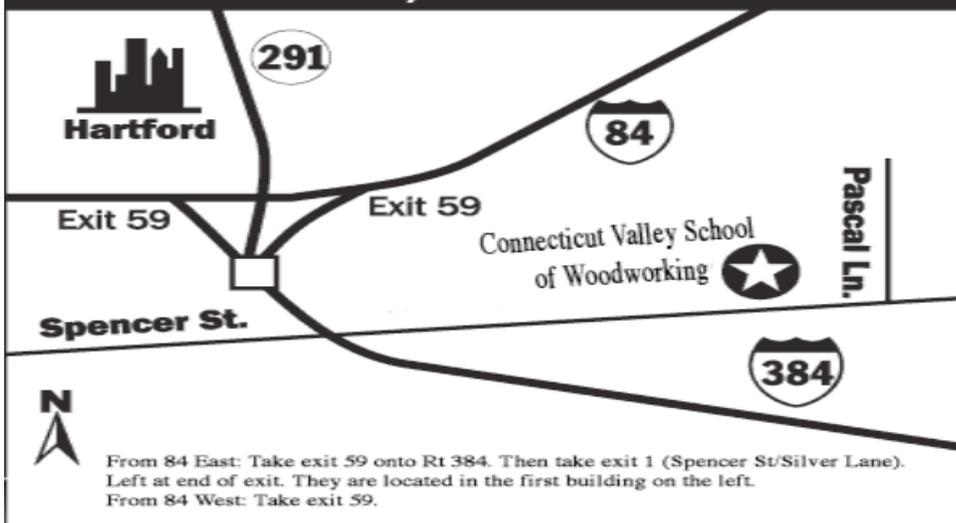
Video Coordinator - Tom Stevenson

860-643-9214 milton_stevenson@sbcglobal.net

Webmaster: Nutmeg Web Service

www.nutmegwebservice.com

MANCHESTER, CT



Central Connecticut Woodturners - Membership Information

New: Renew:

Name: _____

Business Name: _____

Address: _____

Phone: _____ Email: _____

Dues (\$35) payable to:

Central Connecticut Woodturners

c/o **Alan Moltz**

21 Decosta Drive

Newington, CT 06111